



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Hubert Köster, Ph.D. *et al.*

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Examiner : Sue Xu Liu

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Title : CAPTURE COMPOUNDS, COLLECTIONS THEREOF AND METHODS FOR ANALYZING THE PROTEOME AND COMPLEX COMPOSITIONS

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

**DECLARATION PURSUANT TO 37 C.F.R. §1.132**

Sir:

I, **HUBERT KÖSTER**, declare as follows:

**1. Qualifications**

a. I obtained my Vordiplom (equivalent to a Bachelors) in Chemistry in 1963 and my Diplomchemiker (equivalent to a Masters) in Chemistry in 1966, both from the University of Hamburg, in Hamburg, Germany. In 1968, I obtained my Doctorate from the Technical University in Braunschweig, Germany based on work performed at the Max-Planck-Institute in Göttingen, Germany. I later became an Assistant Professor at the University of Hamburg in 1969, and became a tenured Professor in 1982 for Organic Chemistry and Biochemistry. I initiated the formation of Germany's first biotech company in 1981, Biosyntech, and have founded or co-founded a total of four biotech companies, primarily around my own inventions: Biosyntech in Hamburg, Germany, Milligen/Biosearch, Bedford/Burlington, MA, Sequenom, San Diego, CA/Hamburg and HK Pharmaceuticals, Inc. in San Diego, CA. At Biosyntech I was Chairman of the Scientific Advisory Board and Chief Technical Officer, at Milligen/Biosearch Vice President Science & Technology; at Sequenom I held the position first of Chief Scientific Officer and Chairman of the Scientific Advisory Board and later President and Chief Executive Officer and director of the Board. At HK Pharmaceuticals I was Chairman, president and CEO and director of the Board. I am currently the Managing Director of caprotec GmbH in Berlin, Germany, which succeeded HK Pharmaceuticals, Inc..

b. At Biosyntech I developed DNA Synthesizers and invented what today is state-of-the-art in DNA synthesis chemistry (inorganic polymeric supports and beta-cyanoethylphosphoamidites), at Milligen/Biosearch I was responsible for the development of systems for chemical synthesis of DNA and peptides as well as protein sequencing and DNA sequencing. At Sequenom we developed high throughput and highly accurate systems for

CONSIDERED: /Christopher Gross/ (10/07/2010)